



## The Indianapolis Radio Club Newsletter

Founded 1914

*"The oldest continuously operating Amateur Radio Club in the United States"*

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### *October 2010 Newsletter*

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#### **Upcoming Meetings:**

November 12: Presentation on Solar Power (NOTE: This meeting will probably start at the Training Center, and then move to Ivy Tech.)

December 10: Annual Christmas Dinner/Program

January 14: Making your own QSL cards

February 11: Legacy Radio "Repeater History"

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#### **Highlights from the October Meeting:**

Called to order at 7:31 by club president Ron Cooper, WB9DKL. There were 47 in attendance at the meeting.

Christmas dinner will be December 10, and the club will pay the first \$10, at the MCL at 86<sup>th</sup> and Township Line Road (same as before), starting around 6:00. There will be a blind draw. Dues will be raised to \$20 per person, or \$30 per family, and \$200 per lifetime membership, effective Jan 1. Ken, N1HQH, talked about his grant app for a trailer to be taken around to train in digital modes. Also a grant for putting a 2 meter antenna on top of one of the MECA towers at Willard Park. Jeremiah asked for help with his Kenwood TM-V71A rig, with the modular connector for the mic.

Next, Radar introduced Ray Andrews, K9DUR, to give a presentation on the Flex Radio 1500 and SDR. Ray is a former member of this club, licensed since 1960, has an EE. Ray is a retired software engineer. Ray said the ideal SDR receiver would be antenna to

AD converter, and then the transmitter would be DA to antenna. He said that the radio that he has now is not the same one he had when he first bought it. This is due to software changes. Software doesn't break, once the bugs are worked out, it's good. No "roofing filter" needed on SDR Flex radio, since it's direct conversion. Ray next gave an explanation of the circuitry in a SDR. He then went over the specs of the Flex 1500.

After Ray's presentation, Mike, WA9FDO, and Mark, WB9CIF, presented the awards for the Hilltop contest. 7<sup>th</sup> place KJ9C, Mel (checklog only), 6<sup>th</sup> Morrison Hill W9JUQ in Shelby County, 5<sup>th</sup> N9HC, Hendricks County, N9XOQ, Dave. 4<sup>th</sup> N9NS Crown Hill Cemetery, 6 meters and 75 meters. 3<sup>rd</sup> place Pritchard Hill, 2<sup>nd</sup> place W9RXX, tower hill, Bob Burns. This was Bob's first attempt at anything like this, and he was working it by himself. 1<sup>st</sup> place K9DY, Steve at Bean Blossom Hill.

Next Tom Chance, K9XV, gave the antenna shootout awards from the contest before the meeting. 3<sup>rd</sup> place: WA9VBG, Sam at -42.92 dBm. 2<sup>nd</sup> place: W9GRE, John at -41.5 dBm. 1<sup>st</sup> place: K0WJ, Lon at -39.77. Lon received the travelling trophy and the 3 lb. ham.

Rich, W9LPU, suggested that at future meetings, we have two tables: Show and tell, and swap.

Bob, W9RXX, announced that there is a new digipeater for APRS in the area, courtesy of the ICE group.

Jerry, KC9DTB, is going to sea again leaving around April 2.

Dave announced the next meeting would probably start at the Training Center, and then move to Ivy Tech, with the subject being alternative energy for the ham shack.

Finally door prizes were awarded.

Adjourned at 8:57 pm.

## **Ham Radio News:**

### **US SUPPORTS SECONDARY AMATEUR RADIO ALLOCATION AT 461-469 AND 471-478 KHZ**

The Federal Communications Commission and the National Telecommunications and Information Administration (NTIA) -- the spectrum regulators for United States private sector and government users, respectively -- have agreed to support a secondary MF allocation to the Amateur Radio Service at 461-469 kHz and 471-478 kHz at the 2012 World Radiocommunication Conference (WRC-12), to be held in Geneva, Switzerland from January 23-February 17, 2012. FCC and NTIA officials formally presented the proposal at a meeting of the Second Permanent Consultative Committee (PCC.II) of the Inter-American Telecommunication Commission (CITEL), held August 30-September 3 in Fortaleza, Brazil.

For more information, point your browser to <http://www.arrl.org/news/united-states-supports-secondary-amateur-radio-allocation-at-461-469-and-471-478-khz>

### **DISSOLUTION OF NETHERLANDS ANTILLES CREATES FOUR NEW DXCC ENTITIES**

The dissolution of the Netherlands Antilles has caused changes to the DXCC List. As per the DXCC rules, the two Netherlands Antilles DXCC entities will be deleted and moved to the Deleted Entities List.

Four new entities will be added to the DXCC List: (1) Curacao; (2) Sint Maarten; (3) Saba and St Eustatius, and (4) Bonaire. The event date and time for these changes was 0400 UTC, October 10, 2010.

Confirmations for these new entities will be accepted for credit starting January 1, 2011. Other administrative changes and actions will be announced as they are finalized.

### **ARRL AWARDS COMMITTEE MAKES STATEMENT ON DISSOLUTION OF NETHERLANDS ANTILLES**

To clarify the administrative process by which the anticipated changes to the two existing Netherlands Antilles DXCC entities will be made, the ARRL Awards Committee has determined that at 0400 UTC (12:00 AM local time in the islands) on October 10, 2010, the two Netherlands Antilles DXCC entities will be deleted. Commencing at 0400 UTC

(12:00 AM local time) on October 10, 2010, operation from the islands of Curacao, Bonaire, Sint Maarten, Saba and St Eustatius will count for a yet-to-be-determined number of new entities under the DXCC List Criteria and Political Entities, Rule 1 and/or Rule 2 Geographic Separation Entities. When the Awards Committee determines what Rule 1 or Rule 2 actions apply, it will announce the final disposition of the entities on the DXCC list. The DXCC desk will not accept confirmations for these new entities until after January 1, 2011.

## **CHECK OUT AD9DP'S ARTICLE IN QST**

Take a look at the November QST starting on page 33. Indianapolis Radio Club member Dave Poole, AD9DP, has an article on his Tape Measure Vertical, which he presented at our annual Antenna meeting back a few months ago. Congratulations Dave!

## **ARRL VE TESTING SCHEDULE FOR MARION COUNTY**

Sponsor: W9IMS Amateur Radio Club

Where: W9IMS Comm Center, 3321 N Gale St, Indianapolis IN 46218-2169

Liaison: Jim Rinehart (317) 218-7304

When: November 8, 2010, 6:30 pm, walk ins allowed

## **WELCOME NEW CLUB MEMBER**

Mike Stergar, N9SPV

## **FEEL FREE TO SHARE OUR NEWSLETTER**

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at <http://www.indyradioclub.org/rqstnewsletter.htm>.

## **SEND ME YOUR HAM RADIO NEWS**

If anyone has any items for the newsletter, please send them to Ken Bandy at [kj9b@arrl.net](mailto:kj9b@arrl.net)

## Signals from the Past:

### From the October, 1948 *Amachewer*:

...Mr. Wuster of RCA talked to the club on the 17<sup>th</sup> on Modern Trends in Receiver Design. He predicted smaller and smaller receivers and components. Mr. Charles Compton demonstrated and talked on "Vibrator Power Supplies" on September 24<sup>th</sup>.

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## Upcoming Area Radio Events:

- Oct. 15 – 17: Ham Radio "Camp Out". American Legion Park and Campground in Fortville. Contact Rick, N9GSU at [IndyRick@gmail.com](mailto:IndyRick@gmail.com) for more info.
  - October 16 – 17: JOTA (Scouts "Jamboree on the Air") Go to <http://www.arrl.org/news/jamboree-on-the-air-coming-this-weekend-to-a-radio-near-you> for more info
  - November 13 and 14: Fort Wayne Hamfest and Computer Expo Go to <http://www.fortwaynehamfest.com/hfmain.htm> for more info.
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## 2010 Officers:

- President: Ron Cooper, WB9DKL - ..EMAIL [wb9dkl@sbcglobal.net](mailto:wb9dkl@sbcglobal.net)
- Vice Pres.: Dave Miller, K9RTT - ..EMAIL [dmiller@ivytech.edu](mailto:dmiller@ivytech.edu)
- Secretary: Ken Bandy, KJ9B - ..EMAIL [kj9b@arrl.net](mailto:kj9b@arrl.net)
- Treasurer: Jay Willever, K9LJW - ..EMAIL [k9ljw@arrl.net](mailto:k9ljw@arrl.net)
- Chief Operator: Tom Chance, K9XV - ..EMAIL [k9xv@arrl.net](mailto:k9xv@arrl.net)
- Dir. at large: Jim Rinehart, K9RU – EMAIL [k9ru@arrl.net](mailto:k9ru@arrl.net)
- Dir. at large: Bob Osterhous, W9PSE - ..EMAIL [rosterhous@iquest.net](mailto:rosterhous@iquest.net)
- Dir. at large: Bob Begeman, W9KVK - ..EMAIL [w9kvk@juno.com](mailto:w9kvk@juno.com)
- W9JP Trustee: Don Hemenover, N9DOO – EMAIL [don9doo@lightbound.com](mailto:don9doo@lightbound.com)